

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Koichi TERASHIMA, et al.  
Title: SEMICONDUCTOR DEVICE AND MANUFACTURING PROCESS  
THEREFOR  
Appl. No.: Unassigned  
Filing Date: 04/19/2006  
Examiner: Unassigned  
Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

**RELEVANCE OF EACH DOCUMENT**

Document A1 is a U.S. counterpart of Document A5.

Document A2 is a U.S. counterpart of Document A9.

Document A3 is an English language counterpart of Document A8.

The relevance of Documents A5, A6, and A11 is described in the present application.

Documents A4 and A7-A10, listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report is attached setting forth the portion of each document considered relevant by the examiner. An English-language counterpart of the foreign-language documents has not been provided. The absence of a translation or an English-language counterpart document does not relieve the PTO from its duty to consider any submitted document (37 CFR §1.98 and MPEP §609).

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Receipt date: 04/19/2006

10/576412 AU: 2815

Atty. Dkt. No. 040373-0382

AP20 Rec'd PCTPTO 19 APR 2006


Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date: April 19, 2006

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Receipt date: 04/19/2006

10576412 - GAU: 2815  
 MODIFIED PTO/SB/08 (08-00)  
 Approved for use through 10/31/2002. OMB 0651-0031  
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: April 19, 2006  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">Unassigned</td> </tr> <tr> <td>Filing Date</td> <td>04/19/2006</td> </tr> <tr> <td>First Named Inventor</td> <td>Koichi TERASHIMA</td> </tr> <tr> <td>Group Art Unit</td> <td>Unassigned</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>040373-0382</td> </tr> </table>		Application Number	Unassigned	Filing Date	04/19/2006	First Named Inventor	Koichi TERASHIMA	Group Art Unit	Unassigned	Examiner Name	Unassigned	Attorney Docket Number	040373-0382
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First Named Inventor	Koichi TERASHIMA																
Group Art Unit	Unassigned																
Examiner Name	Unassigned																
Attorney Docket Number	040373-0382																
Sheet	1	of	1														

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	2002/0011612	A1	HIEDA	01-31-2002	
	A2	5,338,959		KIM et al.	08-06-1994	

U.S. PATENT APPLICATION DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number	Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A3	EP	0 700 096	A2	NEC CORPORATION	03-06-1996		
	A4	JP	2003-243415	A	NEC CORPORATION	08-29-2003		A
	A5	JP	2002-118255		TOSHIBA CORP.	04-19-2002		A
	A6	JP	2001-298194		NEC CORPORATION	10-26-2001		A
	A7	JP	11-097691		TOSHIBA CORP.	04-09-1999		A
	A8	JP	08-078692		NEC CORPORATION	03-22-1996		A
	A9	JP	06-085256		SAMSUNG ELECTRON CO. LTD.	06-085256		A
	A10	JP	03-079081		SEIKO EPSON CORP.	04-04-1991		A
	A11	JP	64-008670		FUJITSU LTD.	01-12-1989		A

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

Examiner Signature	/Allan Wilson/	Date Considered	04/07/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /AW/